PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Title

## UTILITY PATENT APPLICATION **TRANSMITTAL**

01-278-DIV Attomey Docket No.

First Inventor or Application Identifier

SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

**SAKAKIBARA** 

(Only for new nonprovisional applications under 37 C.F.R.§ 1.53(b))

Express Mail Label No.

1. X *Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. X Specification [Total Pages 24]   -Descriptive title of the Invention   -Cross Reference to Related Applications   -Background of the Invention   -Summary of the Invention   -Brief Description of the Drawings   -Detailed Description of the Preferred Embodiment   -Claims   -Abstract of the Disclosure    3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 11]   4. Oath or Declaration   - Newly executed (original or copy)    b. X (Copy from a prior application (37 C.F.R. § 1.63 (d))   (in continuation/divisional with Box 16 completed   i. DELETION OF INVENTOR(S)   inventor(s) named in the prior application, sea 37 C.F.R. § 1.63 (d)(2) and 1.33(b), sea 37 C.F.R. § 1.63 (d)(2) and 1.33(b).
-Background of the Invention -Summary of the Invention -Brief Description of the Drawings -Detailed Description of the Preferred Embodiment -Claims -Abstract of the Disclosure  3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 11] 4. Oath or Declaration [Total Sheets 3]  A Drawing executed (original or copy)  b. X Copy from a prior application (37 C.F.R. § 1.63 (d)) (for continuation/divisional with Box 16 completed inventor(s) named in the prior application, inventor(s) named in the prior application,
-Summary of the Invention -Brief Description of the Drawings -Detailed Description of the Preferred Embodiment -Claims -Abstract of the Disclosure  -Abstract of the Disclosure  3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 11]  4. Oath or Declaration [Total Sheets 3]  5. X Drawing(s) (35 U.S.C. 113) [Total Sheets 3]  6. X Copy from a prior application (37 C.F.R. § 1.63 (d)) (for continuation/divisional with Box 16 completed  7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) X Power of Attorney  9. English Translation Document (if applicable)  10. X Information Disclosure Statement (IDS)/PTO-1449 X Copies of IDS Citations  11. X Preliminary Amendment  12. X Return Receipt Postcard (MPEP 503) (should be specifically itemized)  13. Statement(s) Statement filed in prior application, (PTOSB09-12) Status still proper and desired  14. Certified Copy of Priority Document(s) (if foreign priority is claimed)
-Brief Description of the Drawings  -Detailed Description of the Preferred Embodiment -Claims  -Abstract of the Disclosure  -Abstract of the Disclosure  3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 11]   4. Oath or Declaration [Total Sheets 3]   5. X Drawing (cover sheet & document(s))  -Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (when there is an assignee)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§ 3.73(b) Statement (image)   7. Assignment Papers (cover sheet & document(s))  9. English Translation Document (if applicable)  10. X Information Disclosure   11. X Preliminary Amendment  12. X Return Receipt Postcard (MPEP 503) (should be specifically itemized)  *Small Entity   *Statement(s) Statement (image)   *Small Entity   *Statement(s) Statement (image)   *Statement (image)   *
-Detailed Description of the Preferred Embodiment -Claims  -Abstract of the Disclosure  3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 11]  4. Oath or Declaration [Total Sheets 3]  5. X Drawing(s) (35 U.S.C. 113) [Total Sheets 3]  6. Oath or Declaration [Total Sheets 3]  7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R. § 3.73(b) X Power of Attorney  9. English Translation Document (if applicable)  10. X Information Disclosure X Copies of IDS Statement (IDS)/PTO-1449 X Copies of IDS Citations  11. X Preliminary Amendment  12. X Return Receipt Postcard (MPEP 503) (should be specifically itemized)  13. Small Entity Statement filed in prior application, (for continuation/divisional with Box 16 completed  14. Certified Copy of Priority Document(s) (if foreign priority is claimed)
3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 11] 10. X Information Disclosure Statement (IDS)/PTO-1449 X Copies of IDS Citations  4. Oath or Declaration [Total Sheets 3] 11. X Preliminary Amendment  a. Newly executed (original or copy) 12. X Return Receipt Postcard (MPEP 503) (should be specifically itemized) 13. Statement(s) (for continuation/divisional with Box 16 completed in DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application,
3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 11] 10. X Information Disclosure Statement (IDS)/PTO-1449 X Copies of IDS Citations  4. Oath or Declaration [Total Sheets 3] 11. X Preliminary Amendment  a. Newly executed (original or copy) 12. X (Should be specifically itemized) 13. Small Entity Statement(s) (for continuation/divisional with Box 16 completed in DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application,
a. Newly executed (original or copy)  b. X Copy from a prior application (37 C.F.R§ 1.63 (d)) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application,
b. X Copy from a prior application (37 C.F.R. § 1.63 (d)) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application,
b. X   Copy from a prior application (37 C.F.R. § 1.63 (d)) (for continuation/divisional with Box 16 completed  i.   DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application,
inventor(s) named in the prior application,
*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 10/118,930
Prior application information: Examiner THOMPSON, Craig Group/Art Unit: 2813  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplie under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.
17. CORRESPONDENCE ADDRESS
□ Customer Number or Bar Code Label 23400 or □ Correspondence address below (Insert Customer No. or Attach bar code label here)
Name
Address
City         State         Zip Code           Country         Telephone         (703) 707-9110         Fax         (703) 707-9112
Name (Printfune)
Signature DAVID G. POSZ Registration No. (Attorney/Agent) 37,701  Date October 30, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Arlington, VA 22202. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Alexandria, VA 22313-1450.



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## **PATENT APPLICATION TRANSMITTAL**

Attorne	y Docket No.	01-278-DIV	
First Inv	entor or Applic	cation Identifier	SAKAKIBARA
Title	SEMICOI MANUFA	NDUCTOR DEV	ICE AND METHOD FOR ICONDUCTOR DEVICE
	. 44-71 444		·

		p	pplications unde	. J. O.I .IV.y 1.00		33 Maii	_000				
S	See MPEF		EMENTS patent application	Commissioner for Patents  ADDRESS TO: Mail Stop Patent Application Arlington, VA 22202							
1. [ · · · · · · · · · · · · · · · · · ·	* Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  2.						5. Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy) c. Statement verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  7. Assignment Papers (cover sheet & document(s)) 8. 37 C.F.R.§ 3.73(b) X Power of Attorney (when there is an assignee)  9. English Translation Document (if applicable) 10. X Information Disclosure Statement (IDS)/PTO-1449 X Copies of IDS Statement (IDS)/PTO-1449 X Citations  11. X Preliminary Amendment 12. X Return Receipt Postcard (MPEP 503) (should be specifically itemized)  *Small Entity Statement filed in prior application, (PTOSB09-12) Status still proper and desired  14. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
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16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:  Continuation Divisional Continuation-in-part (CIP) of prior application No:  10/118,930  Prior application information: Examiner THOMPSON, Craig Group/Art Unit:  2813  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplie under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  17. CORRESPONDENCE ADDRESS											
Customer Number or Bar Code Label  Customer Number or Bar Code Label  (Insert Customer No. or Attach bar code label here)							abel here)	or 🗆	Corres	spondence address below	
Name											
Addre	ss										
City Count	ry				State Telephone	Zip Code					03) 707-9112
	_	(Print/type)	DAVID G.	POSZ	relephone			ion No. (Atto			
	Signati				_	1			gr/Age	Date	37,701 October 30, 2003
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Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

			Complete if Known							
I FEE TRANSMITTAI		Appli	cation N	Number						
	_	Filing	Date		October 30, 2003	October 30, 2003				
for FY 2004		First I	Named	Inventor	SAKAKIBARA	SAKAKIBARA				
Effective 10/01/2003. Patent fees are subject to annual revision.		Exan	niner Na	ame						
		ArtU	nit							
Applicant Claims small entity status. See 37 CFR	1.27	Attor	nev Do	rket Nio	01-278-DIV	01-278-DIV				
TOTAL AMOUNT OF PAYMENT (\$) 770		Attorney Docket No. 01-278-DIV								
METHOD OF PAYMENT (check all that apply)				F	EE CALCULATION (continued)					
X Check Credit card Money Other None  Deposit Account		DDITIO		EES Entity Fee (\$)	Fee Description	Fee Paid				
Deposit Account Number	1051	130	2051	65	Surcharge – late filing fee or oath					
Deposit Account Name  POSZ & BETHARDS, PLC	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet					
The Commissioner is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification					
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination					
X Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action					
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action					
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month					
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month					
Large Entity   Small Entity	1253	950	2253	475	Extension for reply within third month					
Fee Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month					
1001 770 2001 385 Utility filing fee 770	1255	2,010	2255	1005	Extension for reply within fifth month					
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal					
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal					
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing					
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding					
	1452	110	2452	55	Petition to revive – unavoidable					
SUBTOTAL (1) (\$) 770	1453	1,330	2453	665	Petition to revive – unintentional					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)					
Fee from	4500	400	1 0500			1 1				

	_		Ext	tra CI	aims	below	<u>.</u>	Fee Paid	1502	460	2502	240	Design issue iee	
Total Cla		11 -21	)**= [	0	x	18	=	0	1503	640	2503	320	Plant issue fee	
Indepen Claims	dent	2 - 3	**= [	0	×	86	=	0	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent =					1807	50	1807	50	Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity							1806	180	1806	180	Submission of Information Disclosure Stmt			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	_ <u>F</u>	ee [	Description	!		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202	18	2202	9	Cla	ims	in excess o	f 20		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1201	86	2201	43	Ind	ере	ndent claim	s in e	excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1203	290	2203	145	Mu	ltiple	dependent	daim	i, if not paid	1801	770	2801	385	Request for Continued Examination (RCE)	
1204	86	2204	43			ue indepen original pate		claims	1802	900	1802	900	Request for expedited examination of a design application	
1205	18	2205	9			ue claims in ver original								
SUBTOTAL (2) (\$) 0								0	Other fe	e (spe	cify) _			
** or number previously paid, if greater; For Reissues, see above					*Reduced	d by Bas	sic Filing F	ee Paid	SUBTOTAL (3) (\$)					

SUBMITTED BY	Complete (if	applicable)			
Name (Print/Type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701	Telephone	(703) 707-9110
Signature	DO	<	-	Date	October 30, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.